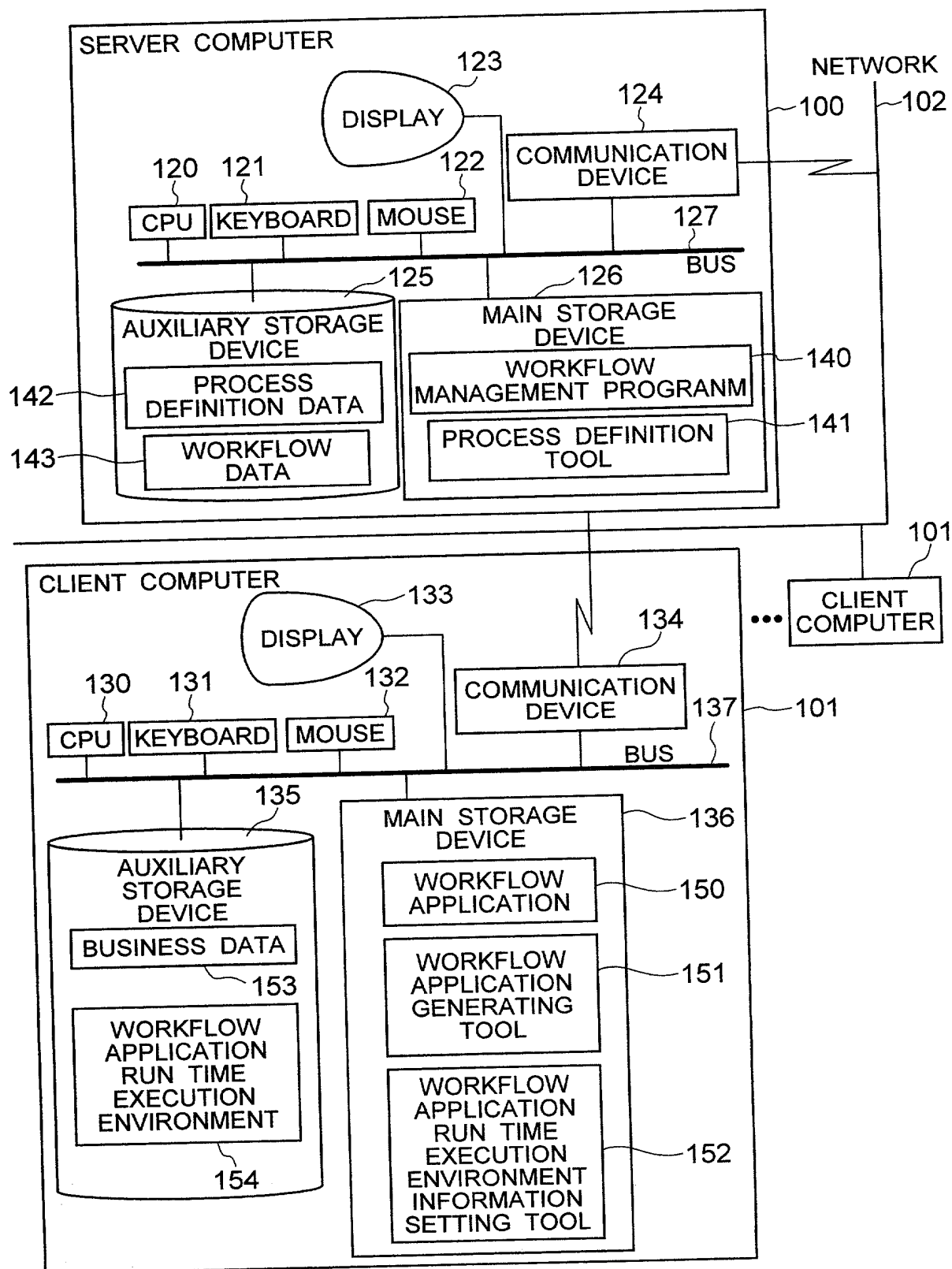


FIG. 1



# FIG. 2

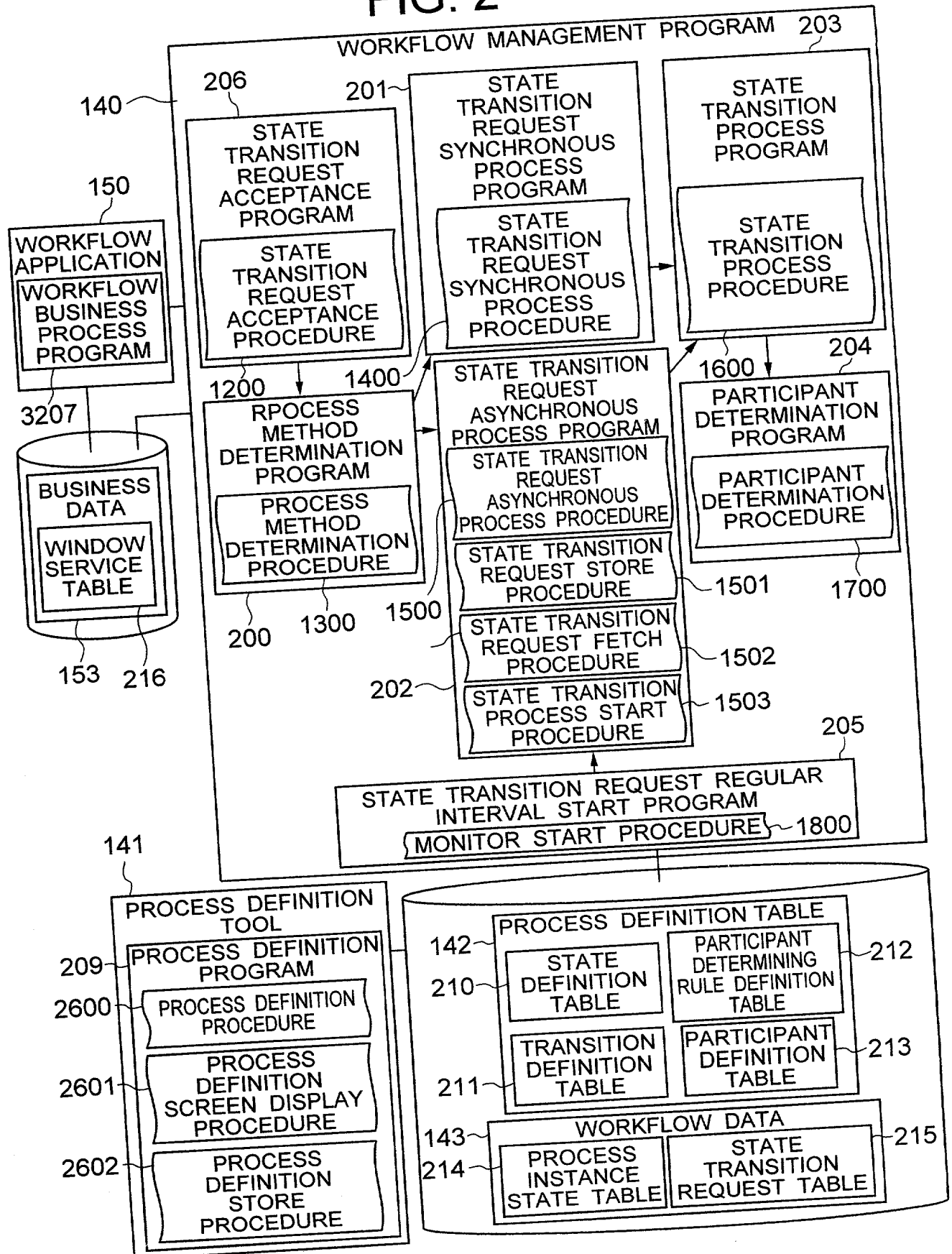
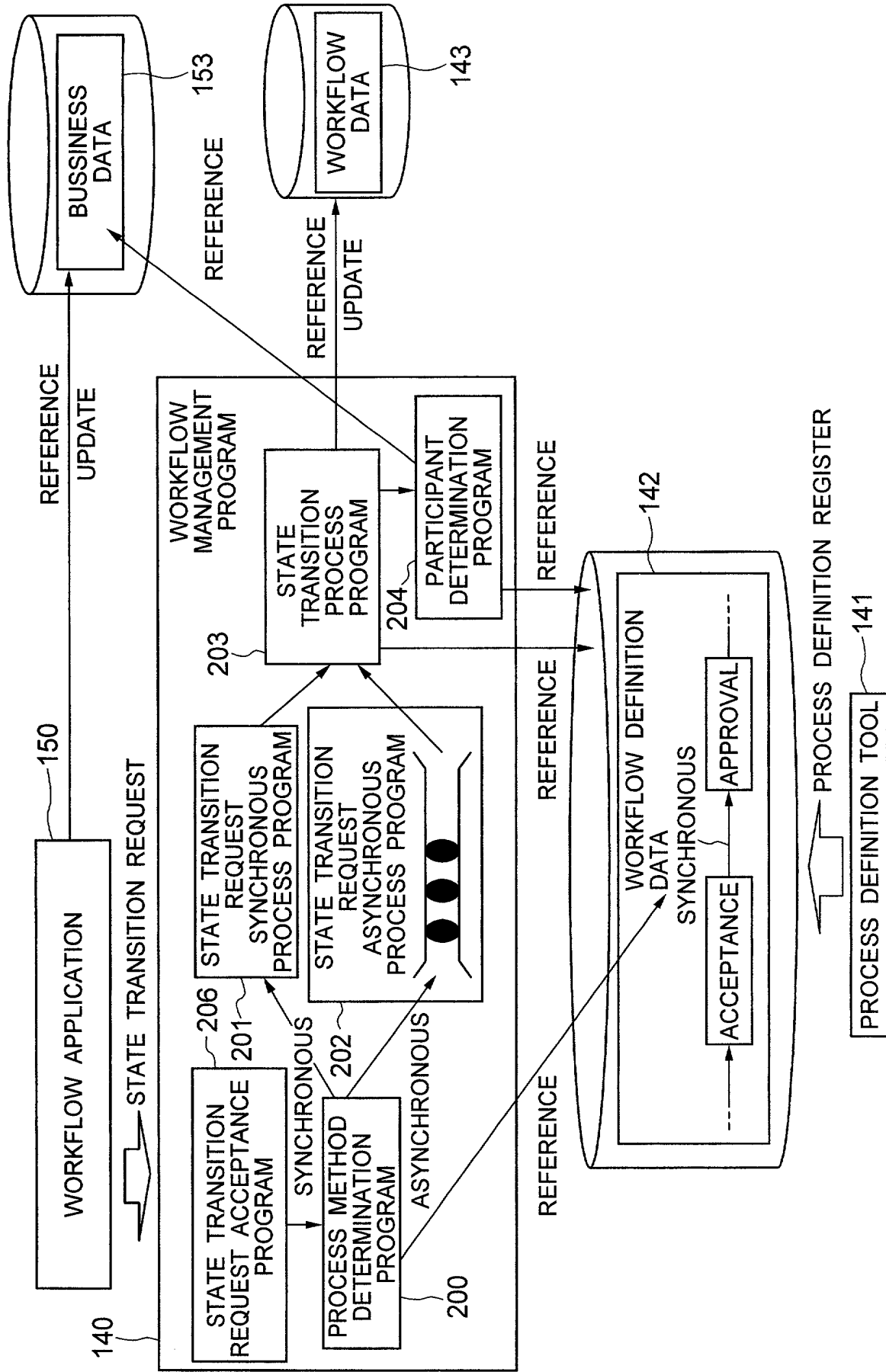


FIG. 3



# FIG. 4

## 210 STATE DEFINITION TABLE

400		401	402	
PROCESS DEFINITION NAME	STATE NAME	PARTICIPANT DETERMINING RULE NAME		...
WINDOW SERVICE	ACCEPTANCE	WINDOW RECEPTIONIST DETERMINATION		...
WINDOW SERVICE	APPROVAL	WINDOW APPROVER DETERMINATION		...
PURCHASE ACTIVITY	ESTIMATION	PURCHASE ESTIMATOR DETERMINATION		...
PURCHASE ACTIVITY	APPROVAL	PURCHASE APPROVER DETERMINATION		...
				...
...	...	...		...

# FIG. 5

## 211 TRANSITION DEFINITION TABLE

500		501	502	503	504	
PROCESS DEFINITION NAME	TRANSITION ID	SOURCE STATE NAME	DESTINATION STATE NAME	SYNCHRO- NOUSNESS INFORMATION		...
WINDOW SERVICE	40010	ACCEPTANCE	APPROVAL	SYNCHRONOUS		...
PURCHASE ACTIVITY	40011	ESTIMATION	APPROVAL	ASYNCHRONOUS		...
						...
...	...	...	...	...		...

# FIG. 6

## 212 PARTICIPANT DETERMINING RULE DEFINITION TABLE

PARTICIPANT DETERMINING RULE NAME	PARTICIPANT DETERMINING RULE	...
WINDOW APPROVER DETERMINATION	IF WINDOW SERVICE TABLE. PROCESS INSTANCE ID=% PROCESS INSTANCE ID% AND WINDOW SERVICE TABLE. TRADE AMOUNT >=100000 THEN ROLE ID=60010 ELSE ROLE ID=60011 ENDIF	...
		...
...	...	...

# FIG. 7

## 213 PARTICIPANT DEFINITION TABLE

PARTICIPANT ID	ROLE ID	...
90020	60010	...
90021	60011	...
		...
...	...	...

# FIG. 8

214 PROCESS INSTANCE STATE TABLE

800 PROCESS INSTANCE ID	801 PROCESS DEFINITION NAME	802 STATE NAME	803 PARTICIPANT ID	804 STATE COMPLETION ID	...
80010	WINDOW SERVICE	ACCEPTANCE	90010	TRUE	...
80010	WINDOW SERVICE	APPROVAL	90020	FALSE	...
80011	WINDOW SERVICE	ACCEPTANCE	90012	FALSE	...
80020	PURCHASE ACTIVITY	ESTIMATION	90011	TRUE	...
				...	...
...	...	...	...	...	...

# FIG. 9

215 STATE TRANSITION REQUEST TABLE

900 PROCESS INSTANCE ID	901 PROCESS DEFINITION NAME	902 TRANSITION ID	...
50010	WINDOW SERVICE	40010	...
50020	PURCHASE ACTIVITY	40020	...
			...
...	...	...	...

FIG. 10

216 WINDOW SERVICE TABLE

	1000	1001
PROCESS INSTANCE ID	TRADE AMOUNT	...
80010	1000000	...
80011	85000	...
		...
...	...	...

FIG. 11

⋮  
void STATE TRANSITION REQUEST API (IN PROCESS INSTANCE ID, IN STATE NAME)  
⋮

1100

FIG. 12

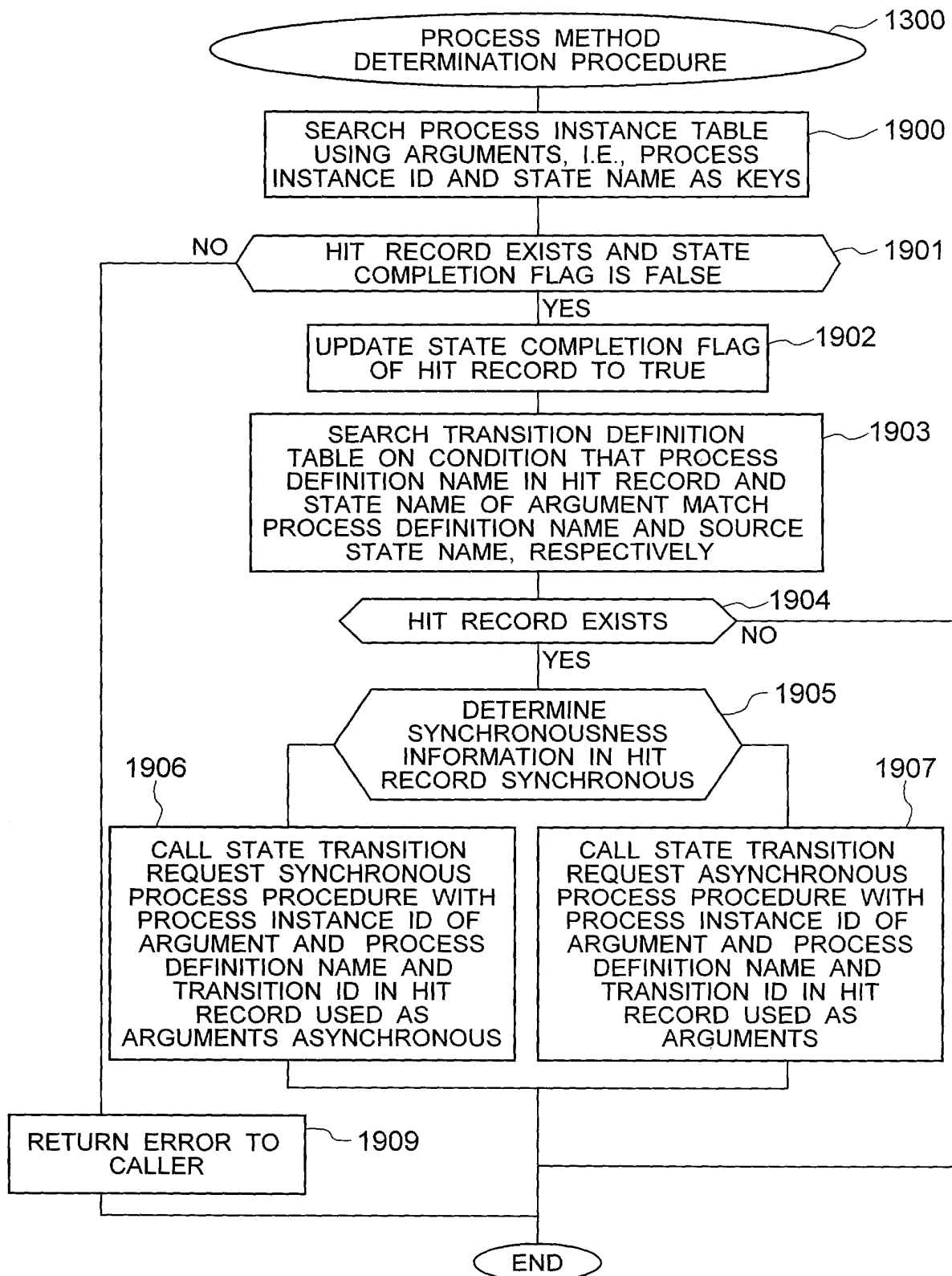




FIG. 13

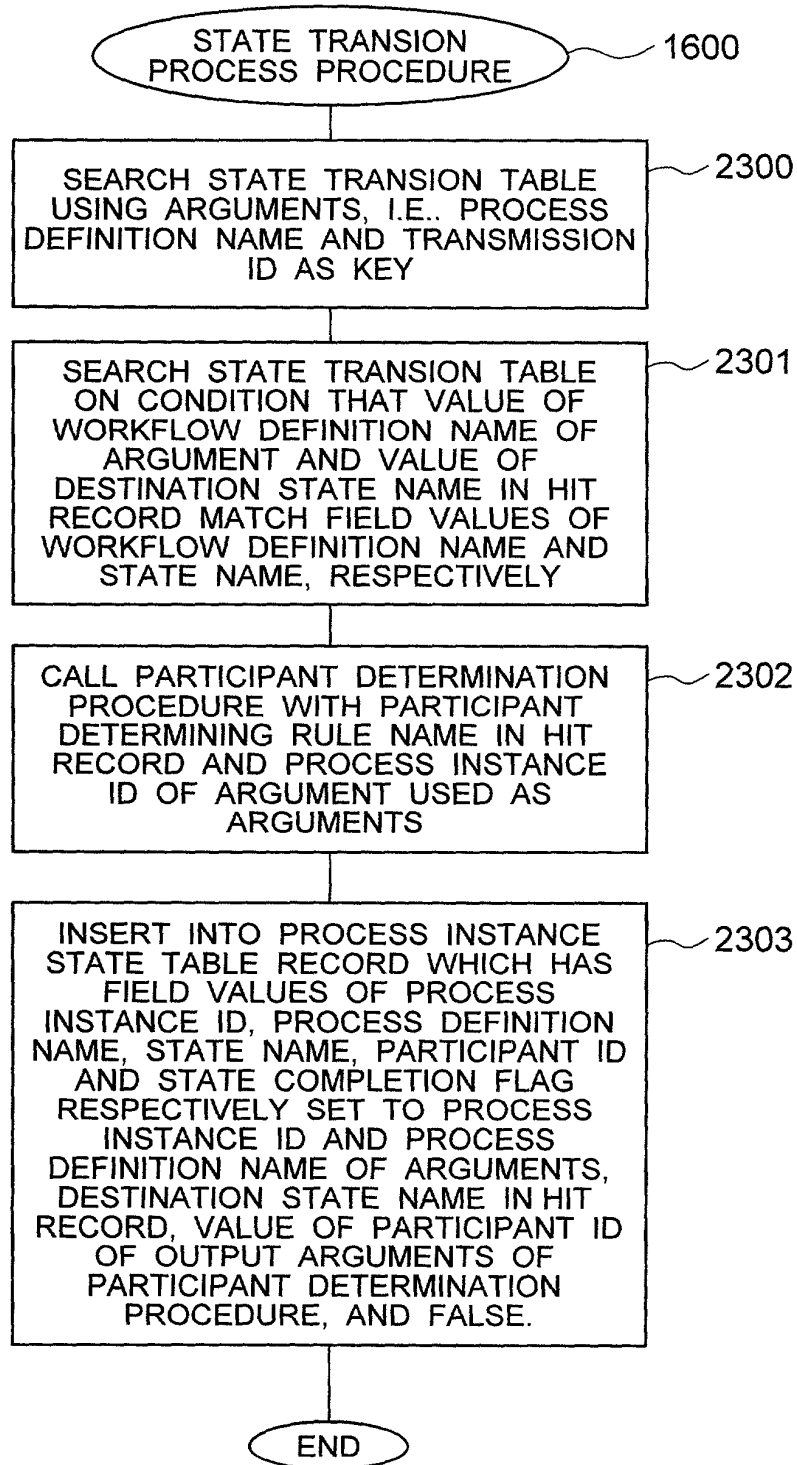


FIG. 14

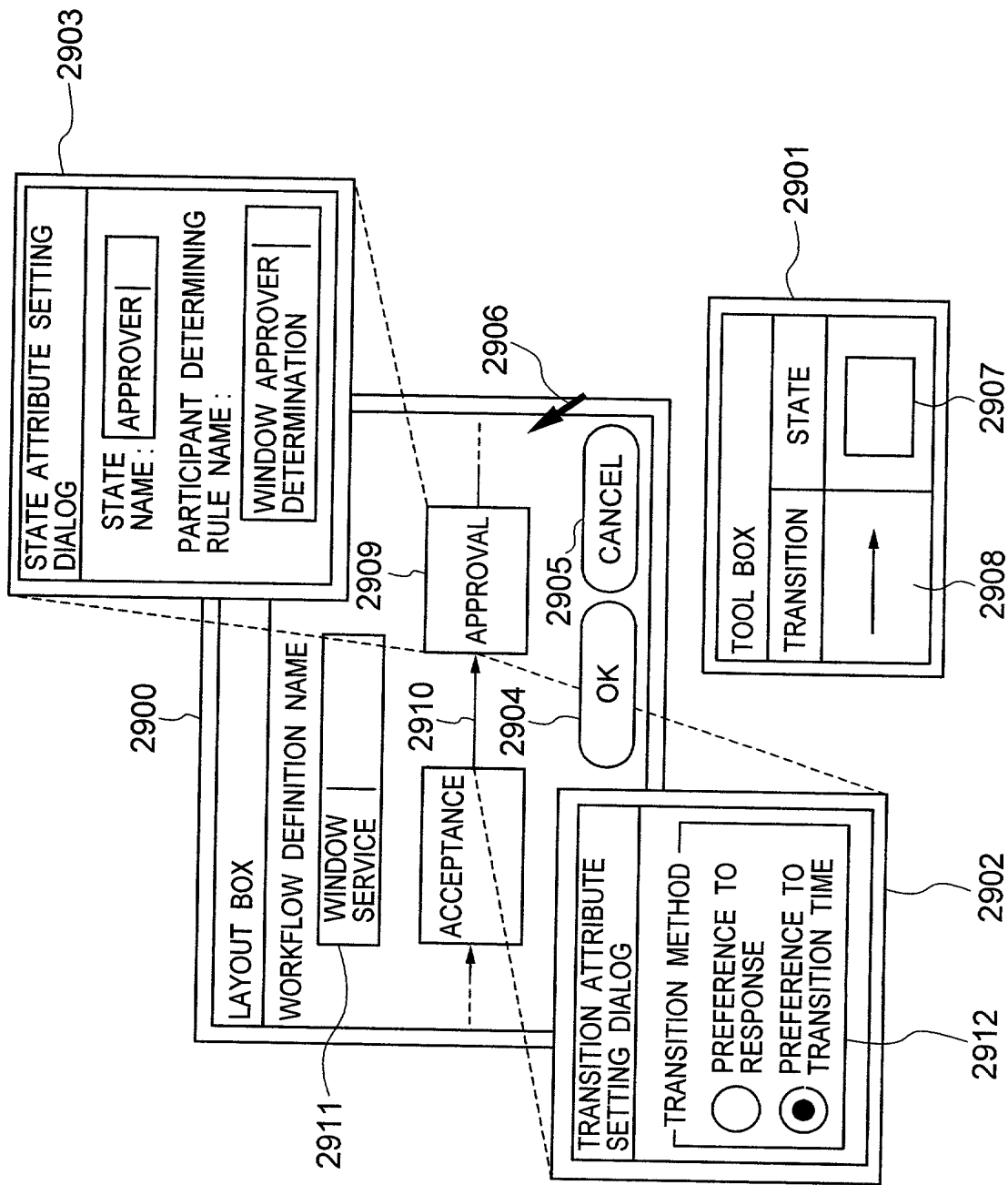
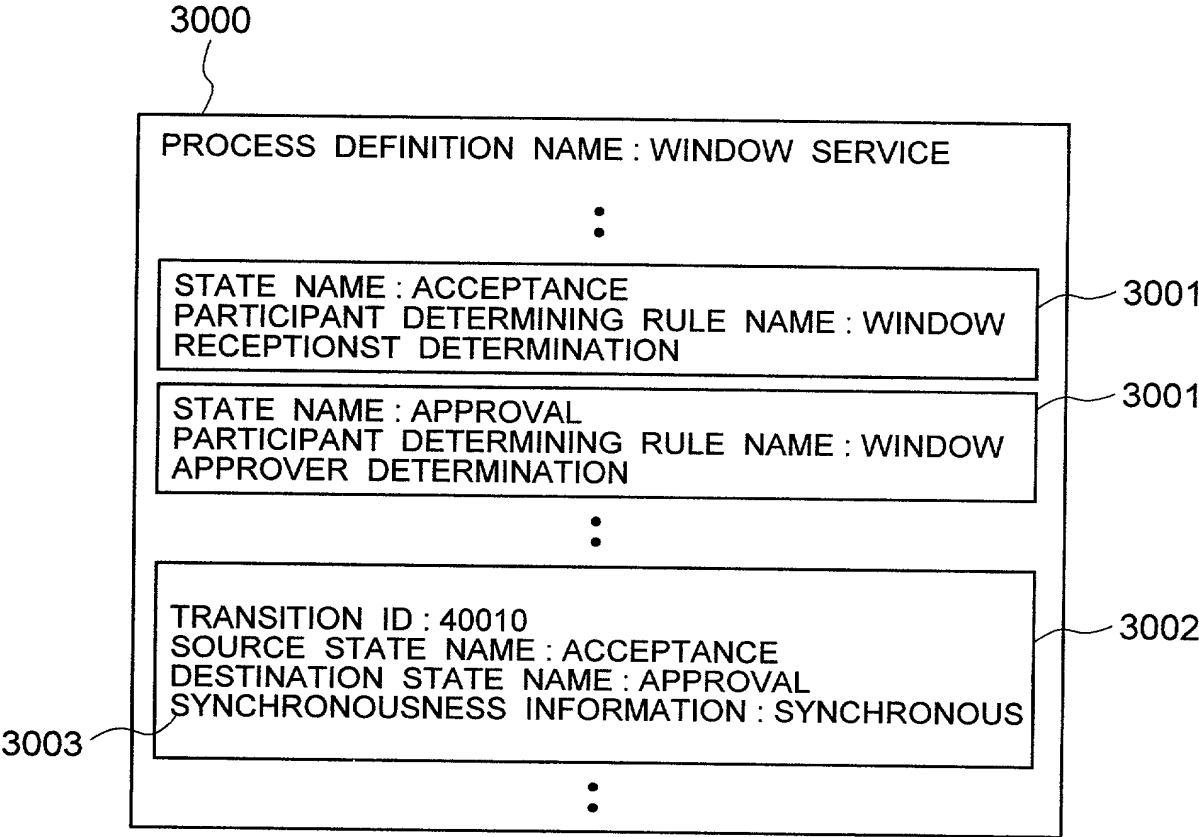


FIG. 15



# FIG. 16

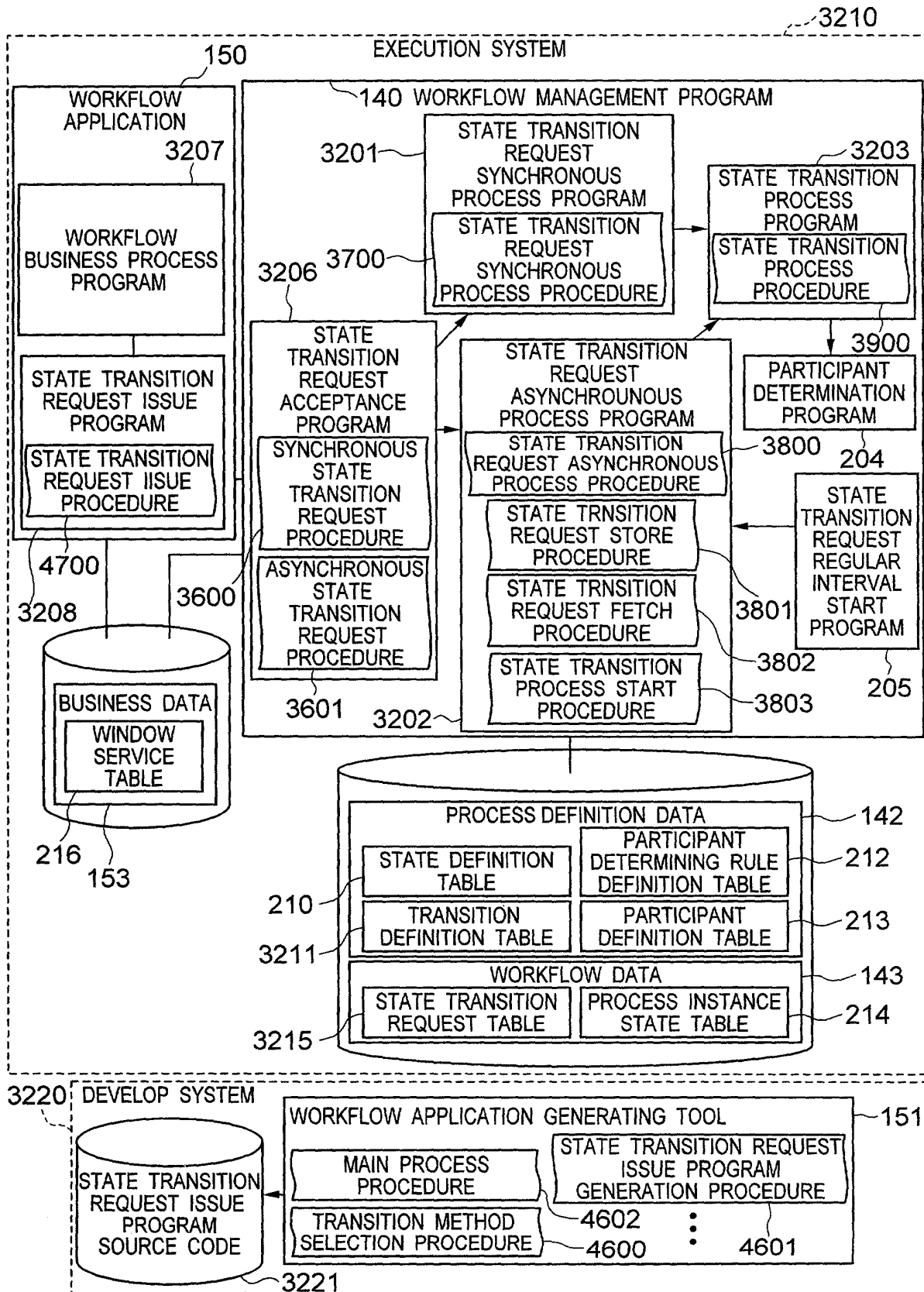


FIG. 17

3211 TRANSITION DEFINITION TABLE

3300	3301	3302	3303	
PROCESS DEFINITION NAME	TRANSITION ID	SOURCE STATE NAME	DESTINATION STATE NAME	...
WINDOW SERVICE	40010	ACCEPTANCE	APPROVAL	...
PURCHASE ACTIVITY	40011	ESTIMATION	APPROVAL	...
				...
...	...	...	...	...

FIG. 18

3215 STATE TRANSITION REQUEST TABLE

3400	3401	3402	
PROCESS INSTANCE ID	PPROCESS DEFINITION NAME	STATE NAME	...
50010	WINDOW SERVICE	ACCEPTANCE	...
50020	PURCHASE ACTIVITY	ESTIMATION	...
			...
...	...	...	...

FIG. 19

⋮

Void SYNCHRONOUS STATE TRANSITION  
REQUEST API  
(IN PROCESS INSTANCE ID IN STATE NAME)

3500

Void ASYNCHRONOUS STATE TRANSITION  
REQUEST API  
(IN PROCESS INSTANCE ID IN STATE NAME)

3501

⋮

FIG. 20

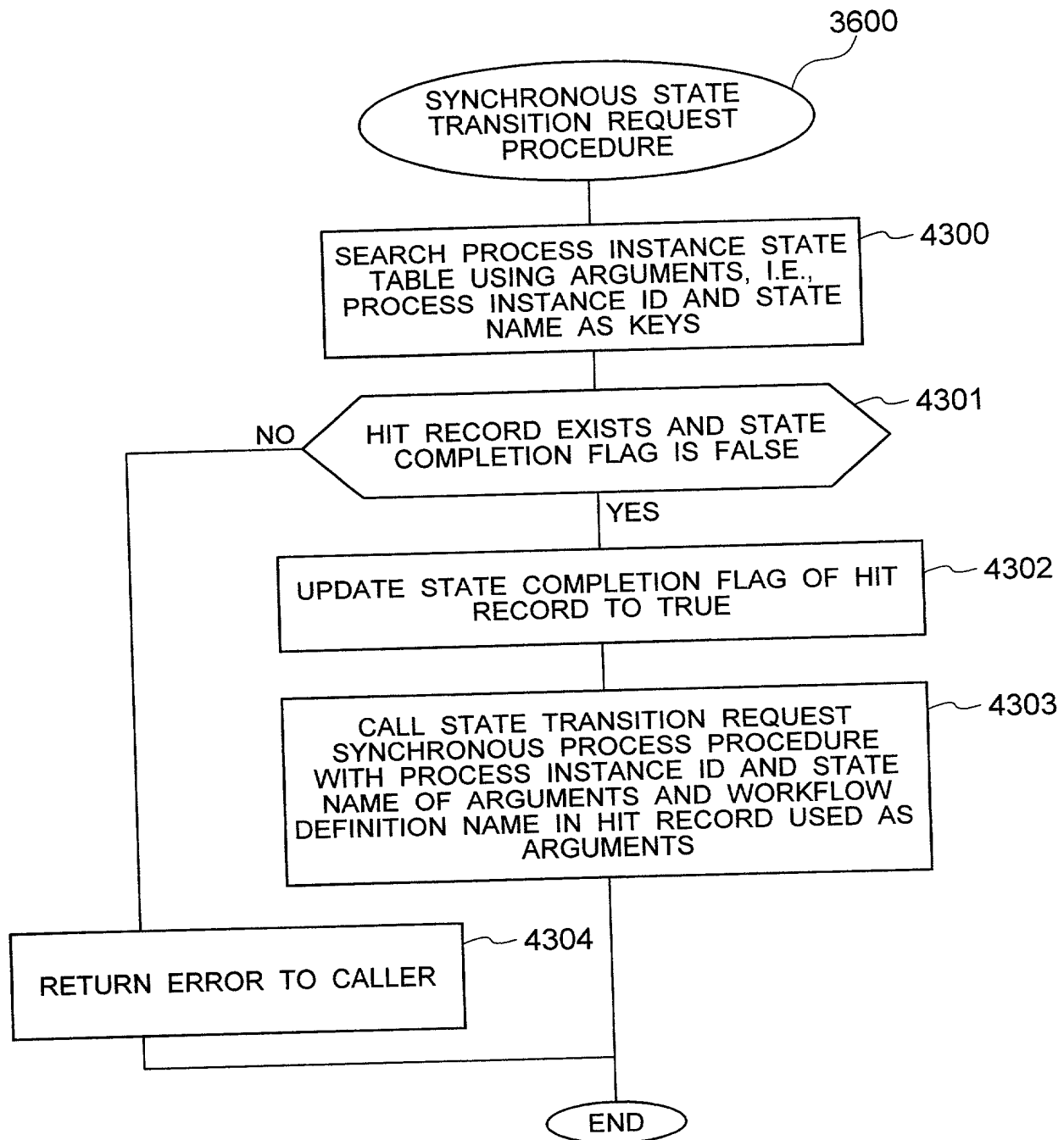


FIG. 21

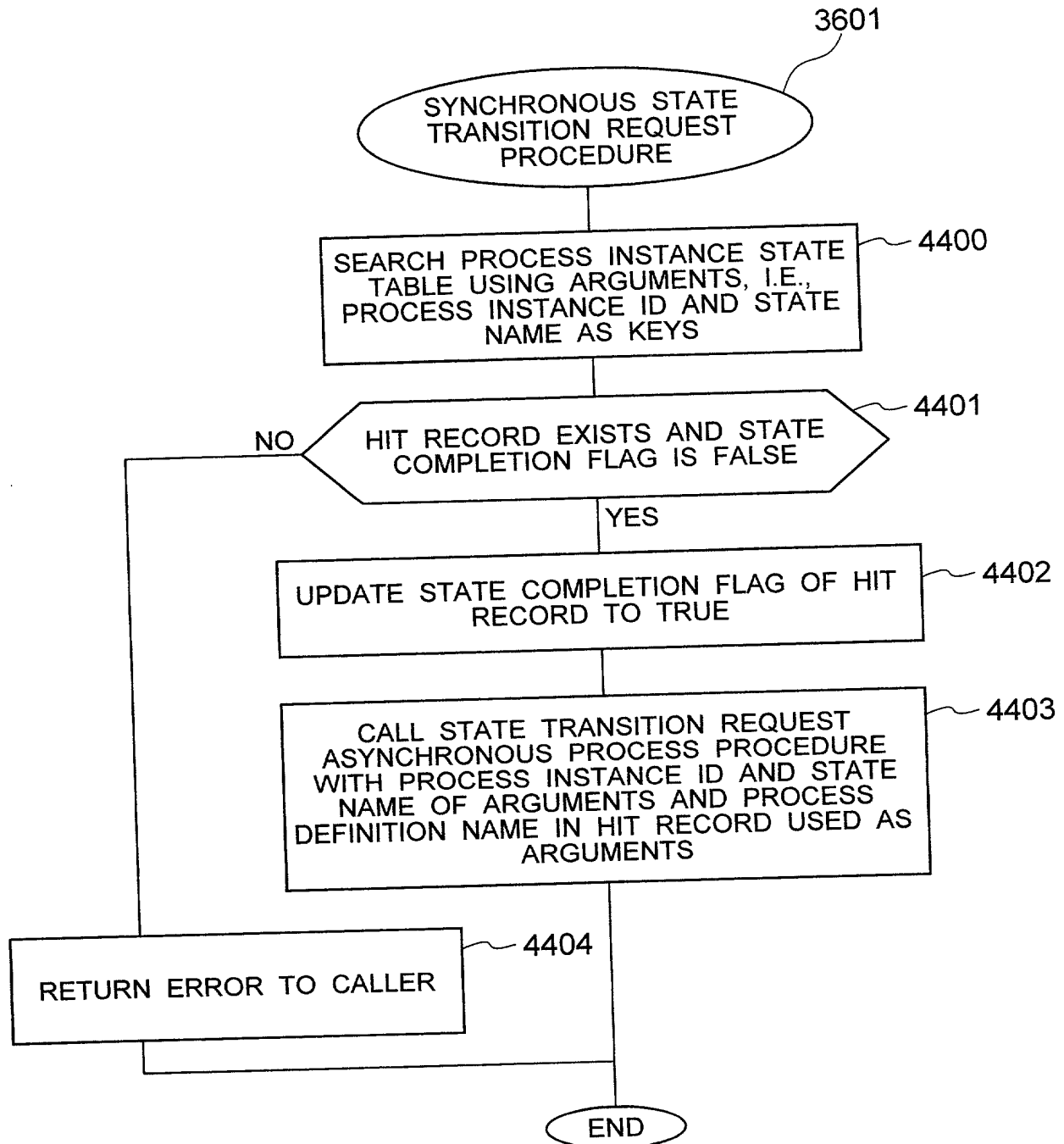


FIG. 22

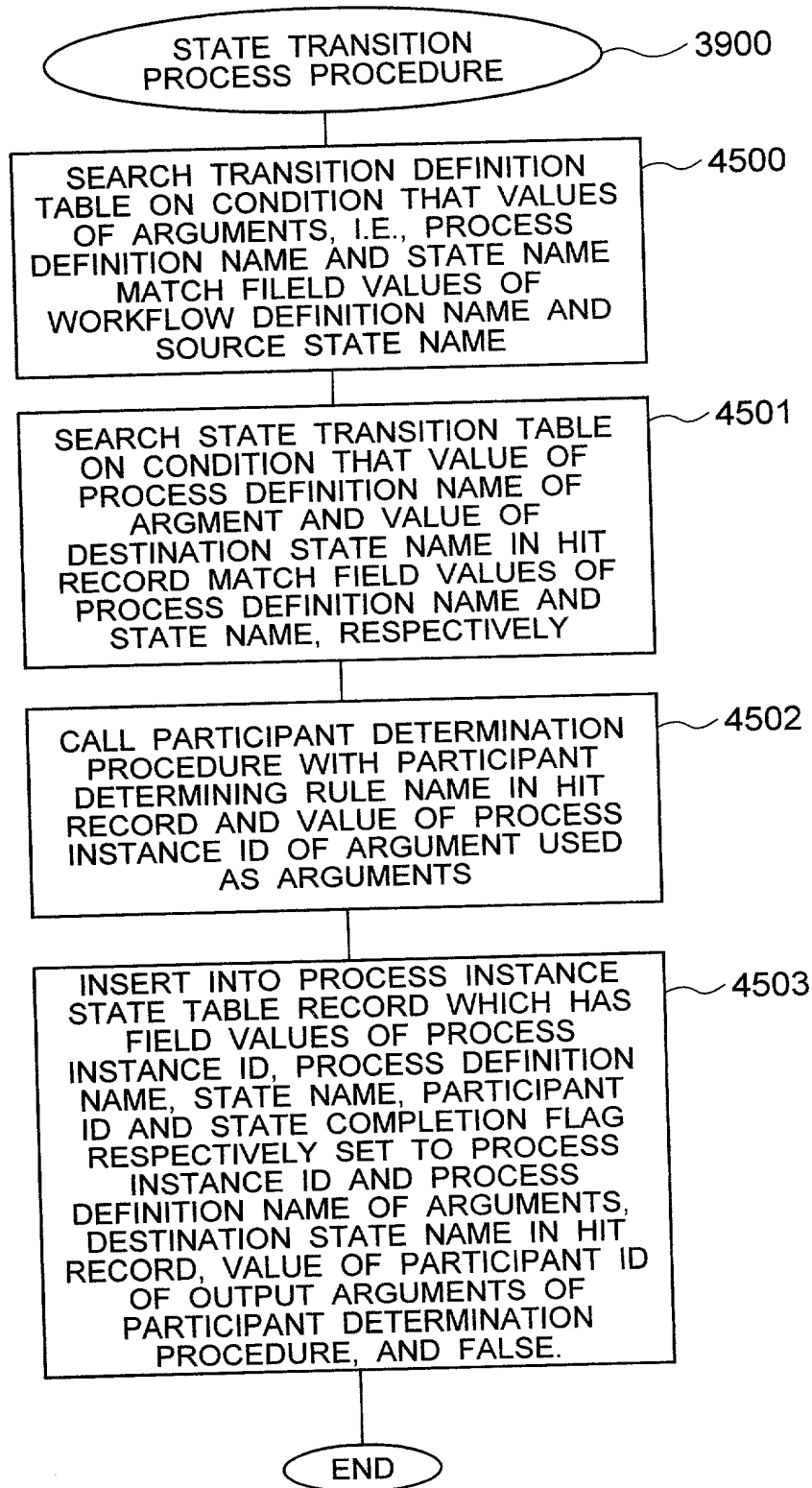
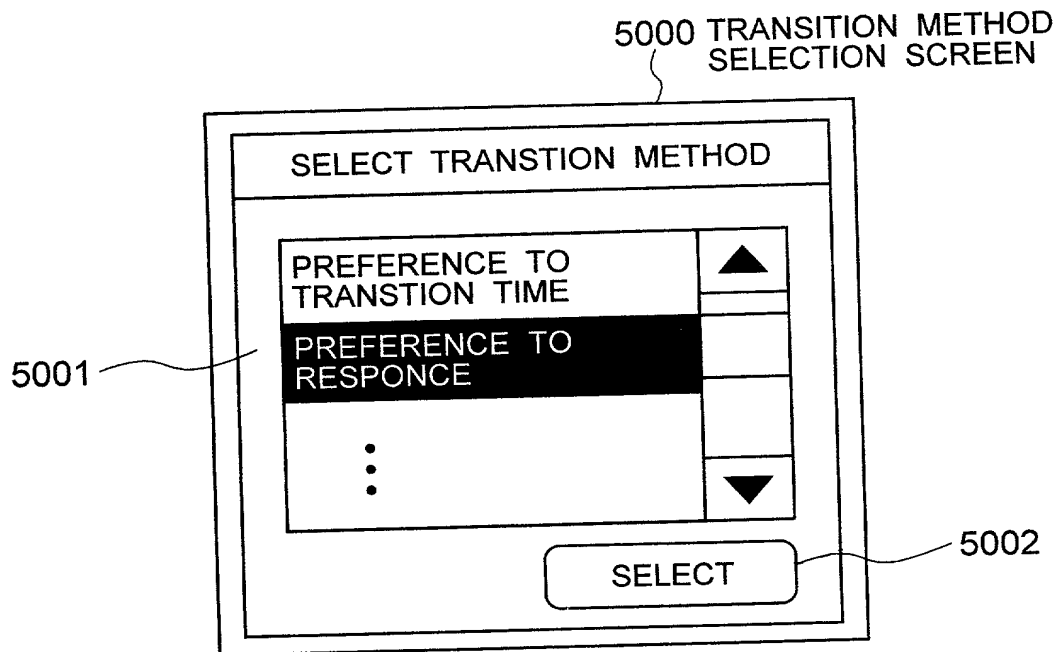




FIG. 23



# FIG. 24

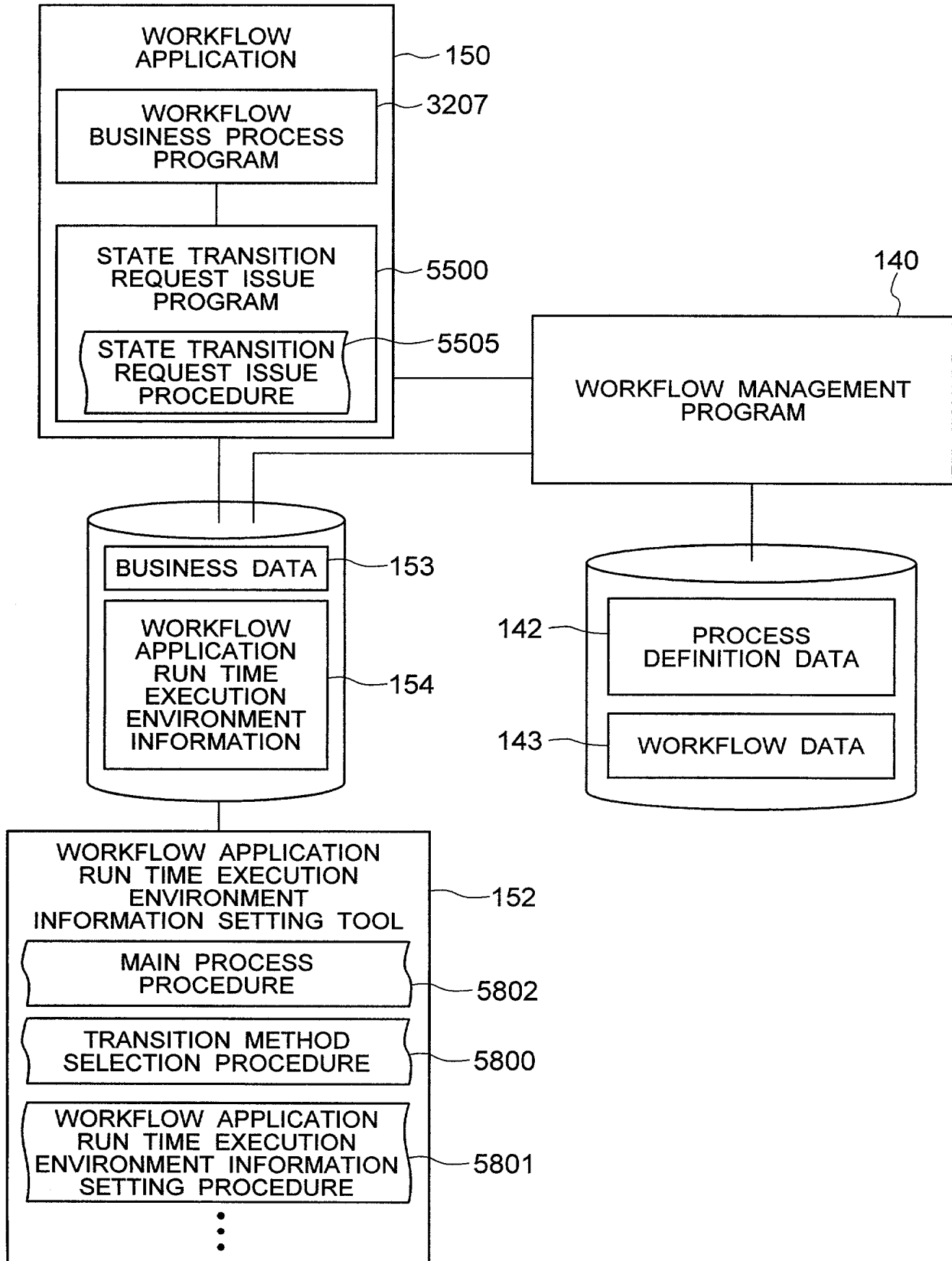


FIG. 25

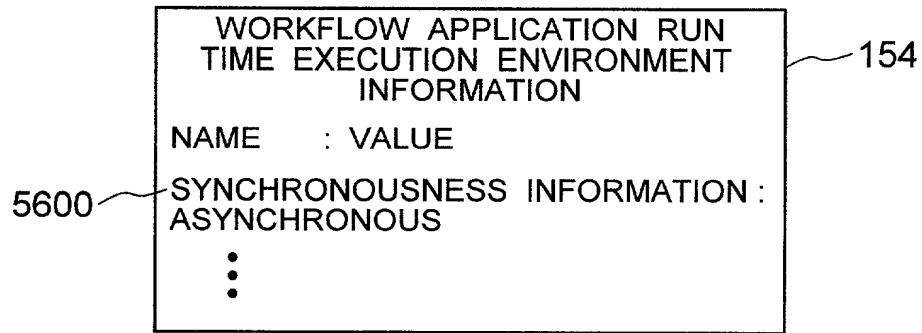


FIG. 26

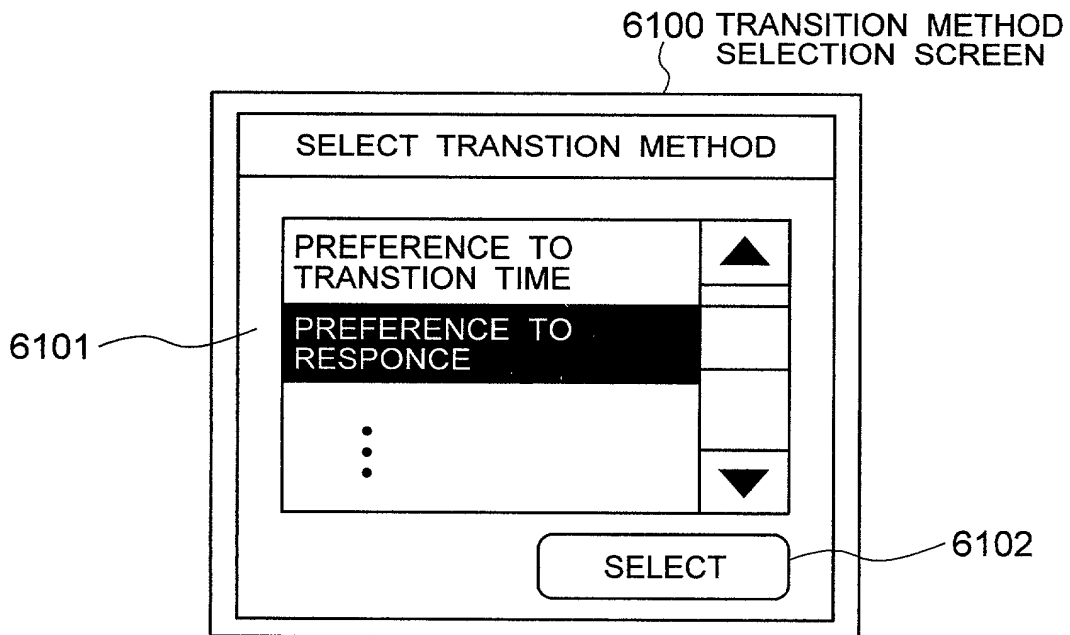


FIG. 27

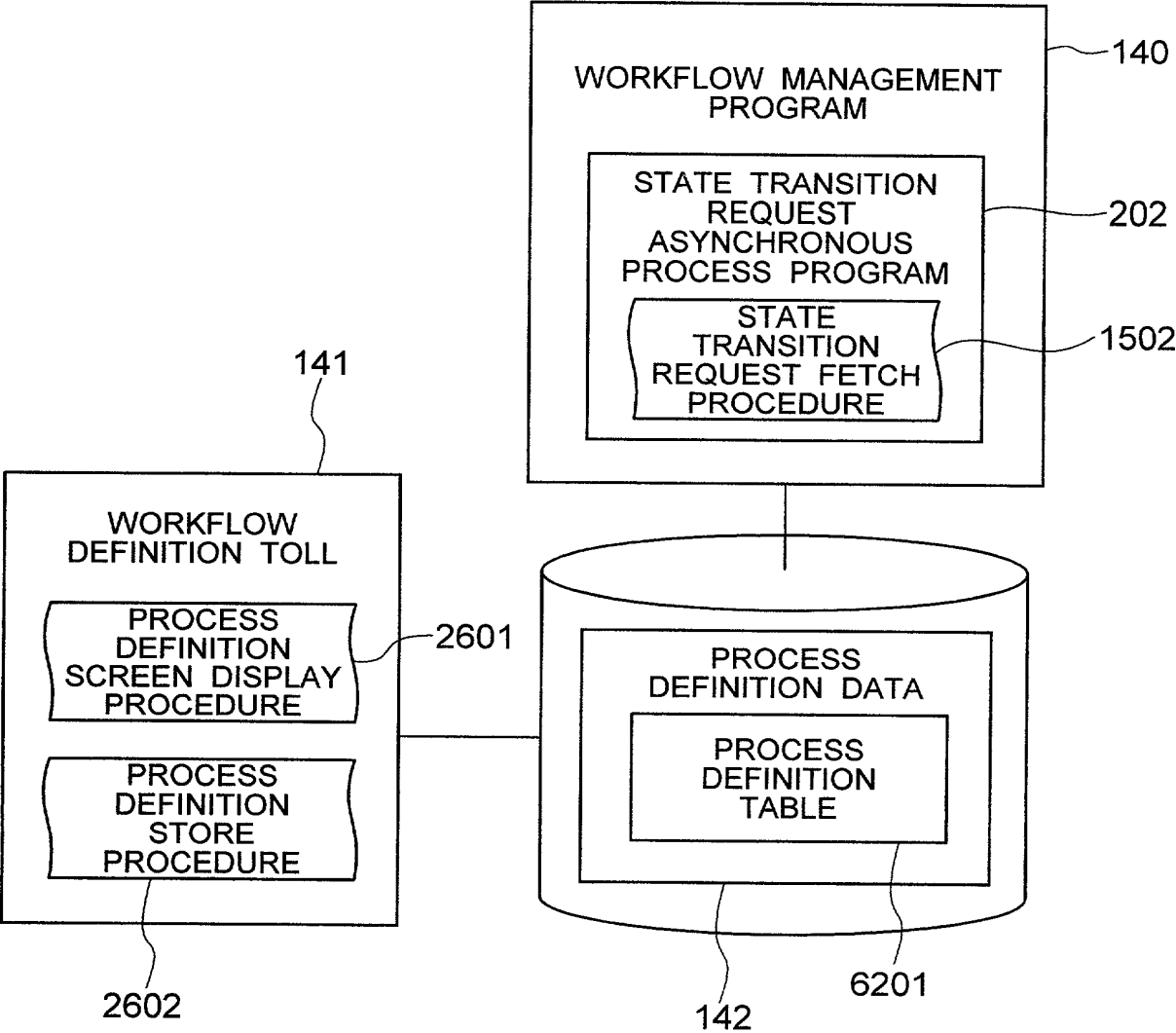


FIG. 28

6201 PROCESS DEFINITION TABLE

PROCESS DEFINITION NAME	PRIORITY
WINDOW SERVICE	3
PURCHASE ACTIVITY	8
...	...

FIG. 29

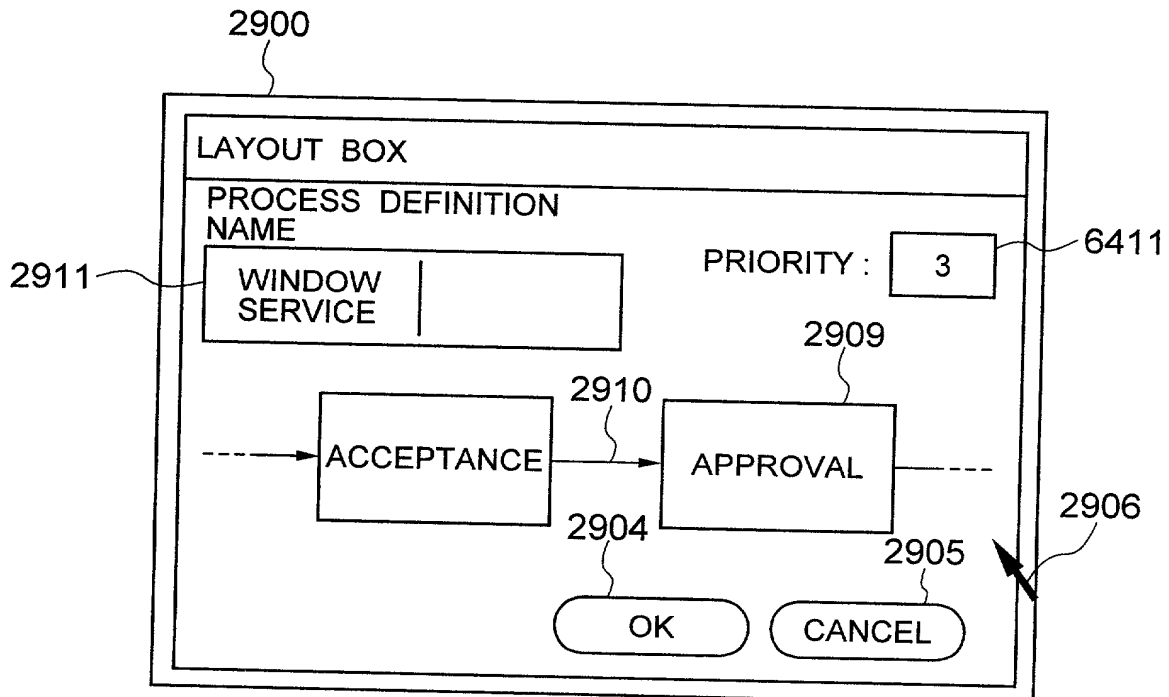


FIG. 30

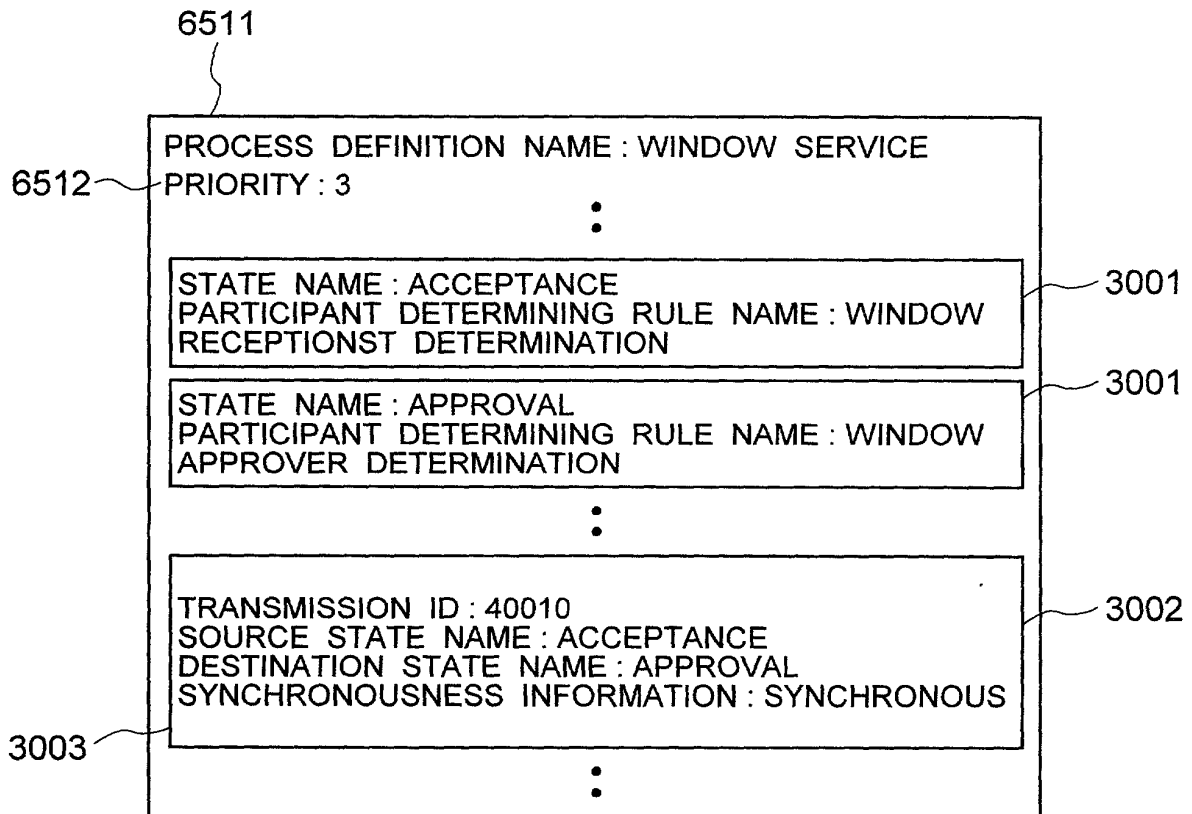


FIG. 31

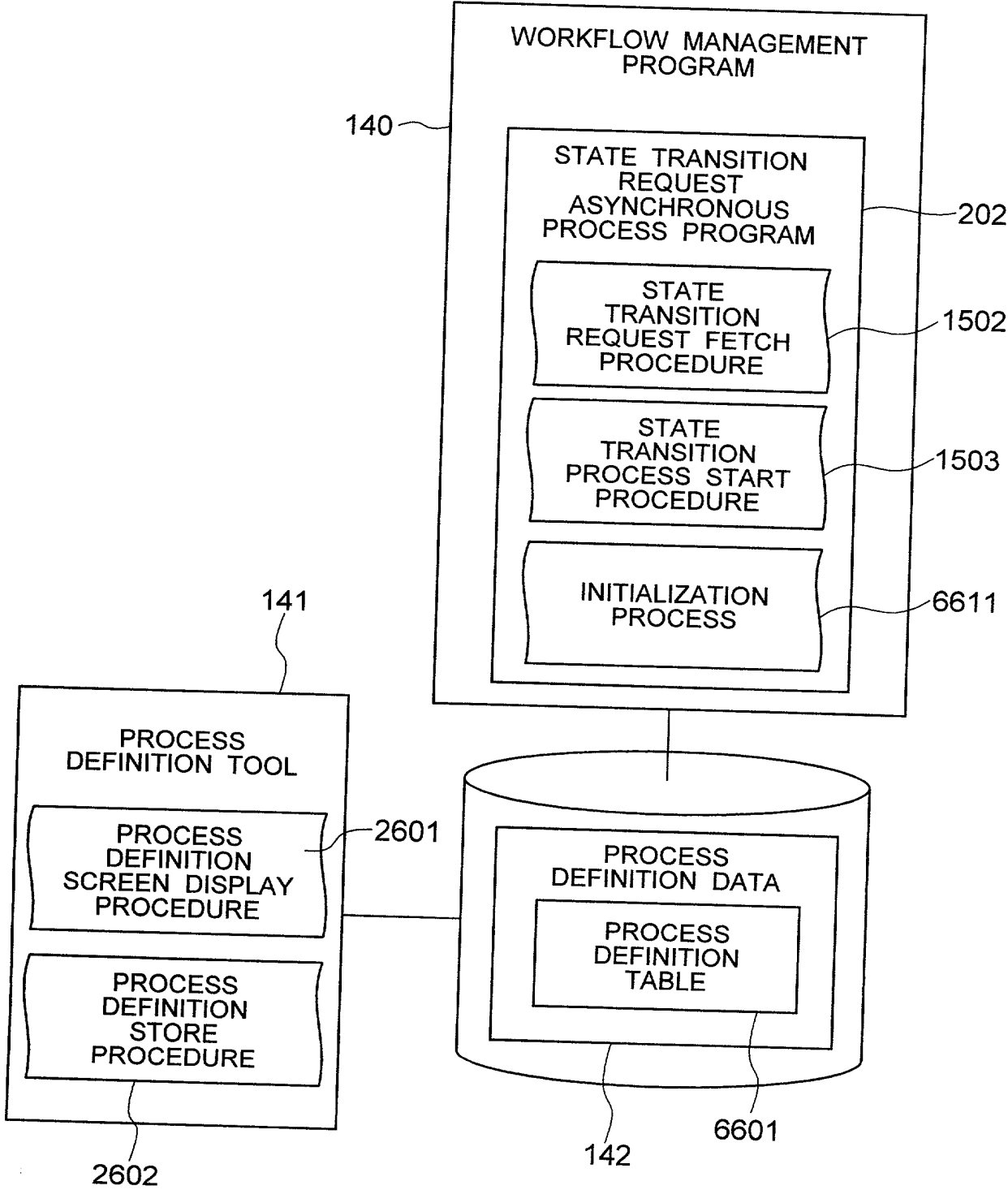


FIG. 32

6601 PROCESS DEFINITION TABLE

6711	6712	6713
PROCESS DEFINITION NAME	USED MAIN STORAGE AMOUNT	MAXIMUM USABLE MAIN STORAGE AMOUNT
WINDOW SERVICE	1MB	20MB
PURCHASE ACTIVITY	2MB	10MB
...	...	...



# FIG. 33

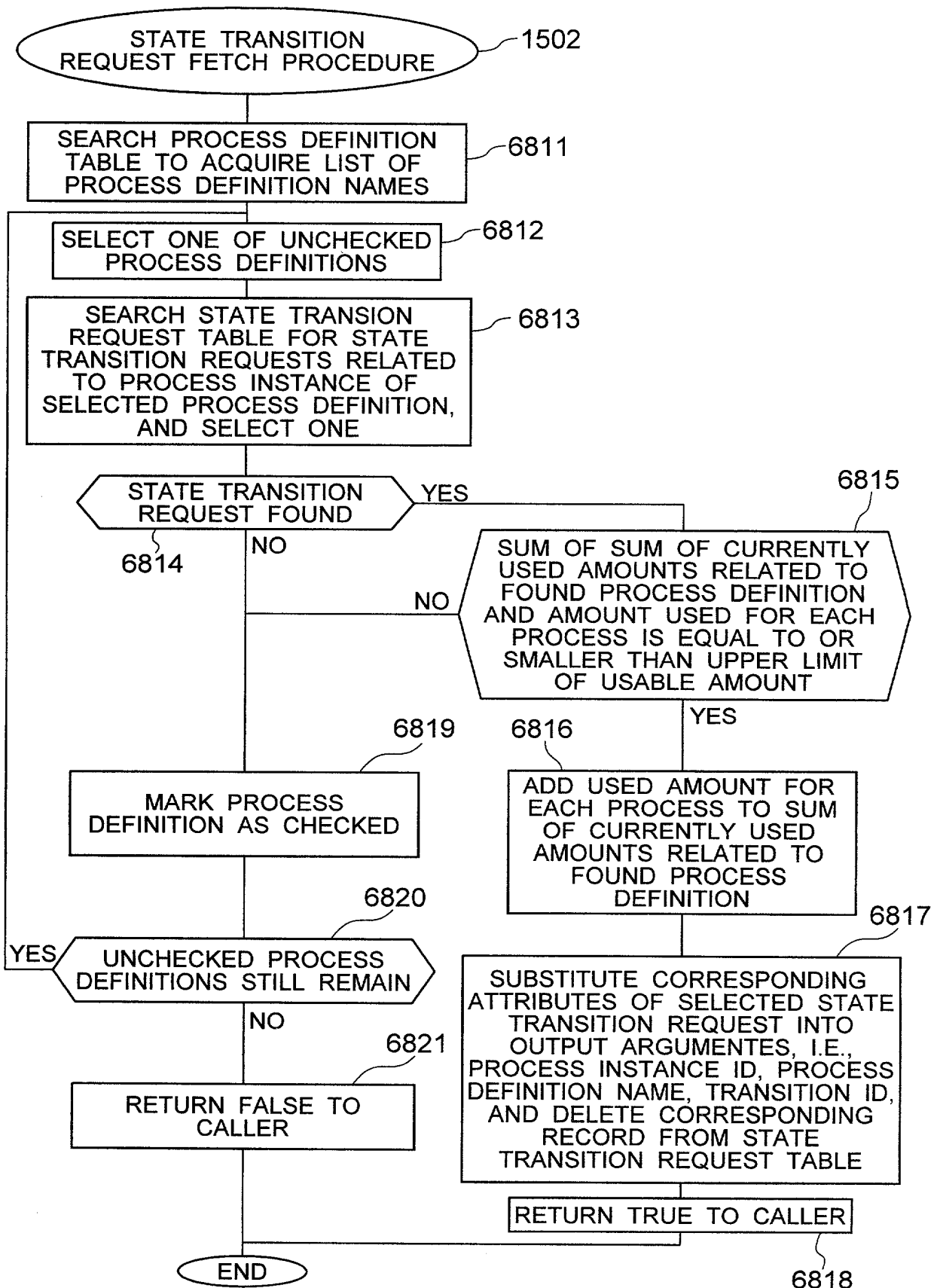


FIG. 34

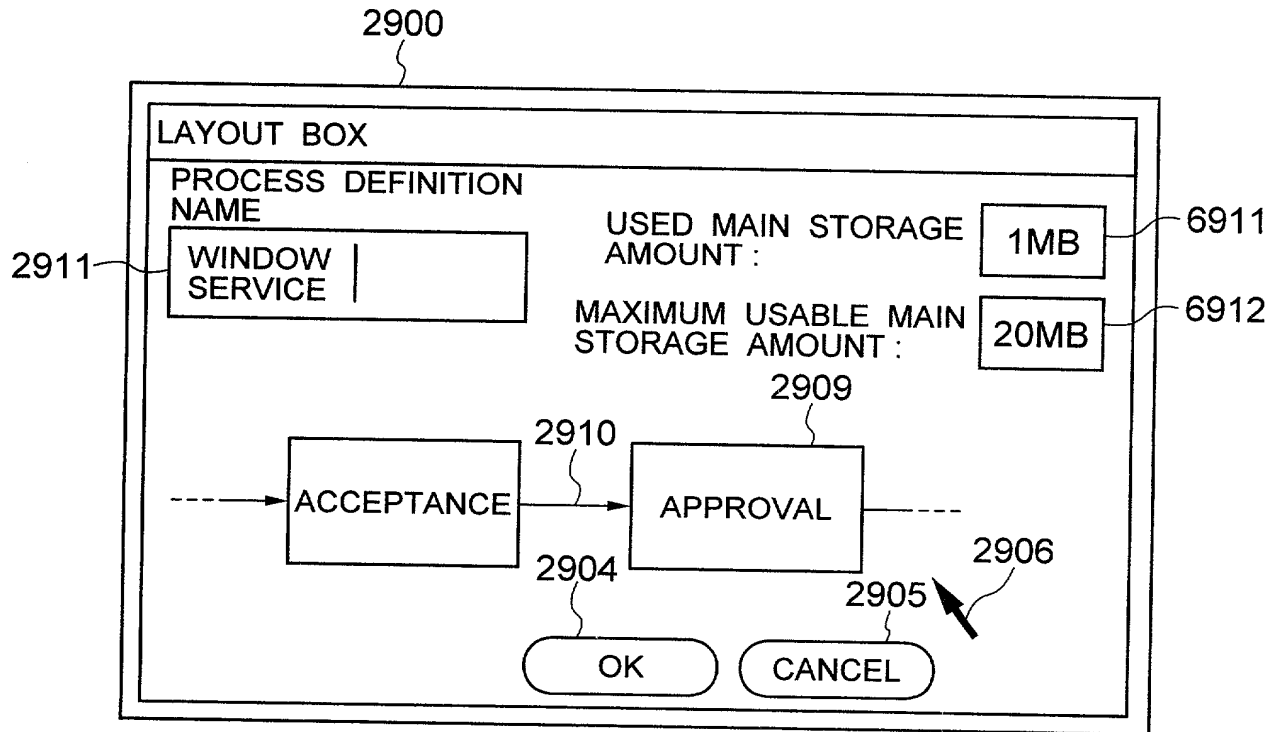


FIG. 35

